



22912 U.S. PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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22386 U.S. PTO  
107748505

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 53051/288306

First Inventor Adam J. Weissman

Title Methods and Systems for Compressing Indices

Express Mail Label No. EV333518754US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification (Total Pages 24 )  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 3 )
5. Oath or Declaration (Total Sheets 3 )
- a. ☒ Newly unexecuted (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee) Citations
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number

40400

OR ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Michael J. Turton

Registration No. (Attorney/Agent)

40,852

Signature

Date

December 30, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,104

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	December 30, 2003
First Named Inventor	Adam J. Weissman
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	53051/288306

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																					
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 11-0855 Deposit Account Name: Kipatrisk Stockton LLP The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>2051</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>2052</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>1053</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>1812</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>1804</td><td>1804</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1805</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>2251</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>2252</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>2253</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>2254</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2255</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>2401</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>2402</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>2403</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1451</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>2452</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>2453</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>2501</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>2502</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>2503</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>1460</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>1807</td><td>Processing fee under 37 CFR 1.17 (q)</td><td></td></tr> <tr><td>1806</td><td>1806</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>8021</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>2809</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>2810</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>2801</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>1802</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	1051	2051	Surcharge - late filing fee or oath		1052	2052	Surcharge - late provisional filing fee or cover sheet		1053	1053	Non-English specification		1812	1812	For filing a request for reexamination		1804	1804	Requesting publication of SIR prior to Examiner action		1805	1805	Requesting publication of SIR after Examiner action		1251	2251	Extension for reply within first month		1252	2252	Extension for reply within second month		1253	2253	Extension for reply within third month		1254	2254	Extension for reply within fourth month		1255	2255	Extension for reply within fifth month		1401	2401	Notice of Appeal		1402	2402	Filing a brief in support of an appeal		1403	2403	Request for oral hearing		1451	1451	Petition to institute a public use proceeding		1452	2452	Petition to revive - unavoidable		1453	2453	Petition to revive - unintentional		1501	2501	Utility issue fee (or reissue)		1502	2502	Design issue fee		1503	2503	Plant issue fee		1460	1460	Petitions to the Commissioner		1807	1807	Processing fee under 37 CFR 1.17 (q)		1806	1806	Submission of Information Disclosure Stmt		8021	8021	Recording each patent assignment per property (times number of properties)		1809	2809	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	2810	For each additional invention to be examined (37 CFR § 1.129(b))		1801	2801	Request for Continued Examination (RCE)		1802	1802	Request for expedited examination of a design application	
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<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202</td><td>2202</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>2201</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>2203</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>2204</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>2205</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	1202	2202	Claims in excess of 20		1201	2201	Independent claims in excess of 3		1203	2203	Multiple dependent claim, if not paid		1204	2204	** Reissue independent claims over original patent		1205	2205	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2) (\$) 1,104																																																																																													
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Total Claims: 29 - 20 ** = 9 X 18 = 162 Independent Claims: 5 - 3 ** = 2 X 88 = 172 Multiple Dependent: X = 334		Other fee (specify) _____ *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0																																																																																																																					

SUBMITTED BY		Complete if applicable	
Name (Print/Type)	Michael J. Turton	Registration No. (Attorney Agent)	40,852
Signature		Telephone	404.815.6061
		Date	December 30, 2003

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**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor Adam J. Weissman

Title Methods and Systems for Compressing Indices

Atty Docket Number 53051/288306

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 30, 2003

Date



Signature

404.815.6061

Telephone number

Michael J. Turton

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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